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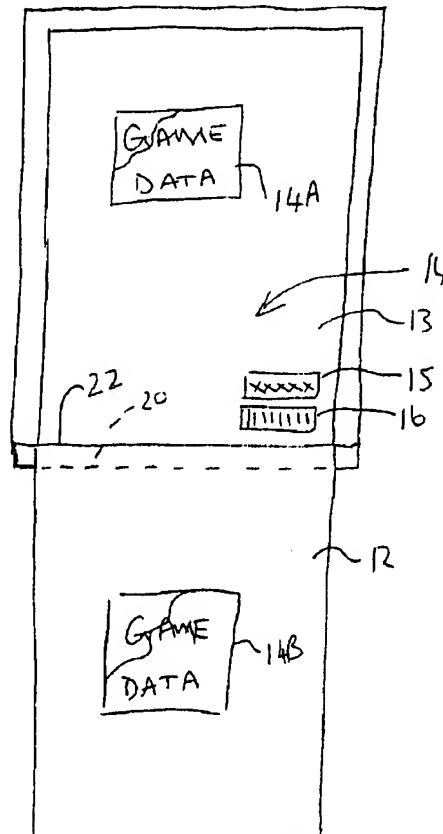
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(54) Titre : **BILLET DE LOTERIE**

(54) Title: **LOTTERY TICKET**



(57) Abrégé/Abstract:

Described herein is a lottery ticket where the ticket is formed by laminating two substrate sheets. The lottery ticket includes variable imaged lottery indicia printed directly onto the inside surface of both sheets of the ticket and covered by a layer of scratch-off material. The indicia and the scratch-off material are enclosed within the sheets allowing the outside surfaces to be used for game

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**(57) Abrégé(suite)/Abstract(continued):**

and promotional information. Either just the first substrate sheet or both sheets are perforated to define a perforated tear line thereon arranged to define a portion of the first substrate sheet which can be opened relative to the second substrate sheet, by the player tearing through the perforated tear line, to expose game data. The perforated tear line defining the portion extends only part way around the periphery of the portion of the first substrate sheet so that when the perforation lines are torn the portion of the first substrate sheet remains attached to the second substrate sheet. This provides a larger or double game area on the inside surfaces which can be used for a larger and more complex single game.

## CLAIMS:

1. A game ticket construction for playing of a game by a player comprising:

5 a first ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

a second ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second ticket sheets;

10 game information printed on said front surface of one or both of the first and second ticket sheets;

first game indicia printed by variable image printing onto said rear surface of said first ticket sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

15 second game indicia printed by variable image printing onto said rear surface of said second ticket sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

the first and second ticket sheets being coextensive, with the rear surface of the first ticket sheet being connected to the rear surface of the second ticket sheet to form a common ticket assembly;

20 either the first ticket sheet alone or both ticket sheets being perforated to define a perforated tear line thereon along which the ticket sheet or sheets are

intended and arranged to be torn;

the perforated tear line being arranged to define a portion of the first ticket sheet which can be opened relative to the second ticket sheet, by the player tearing through the perforated tear line, to expose the scratch-off material covering the game indicia on the rear surface of the second ticket sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first ticket sheet;

the perforated tear line along which the ticket sheet or sheets is intended and arranged to be torn and which defines the portion of the first ticket sheet, extending only part way around the periphery of the portion of the first ticket sheet leaving a part of the periphery of the portion of the first ticket sheet at which the portion of the first ticket sheet remains attached to the second ticket sheet.

2. The lottery ticket construction according to Claim 1 wherein the first substrate sheet includes only a single portion which can be opened.

3. The lottery ticket construction according to Claim 1 or 2 wherein the portion of the first substrate sheet forms substantially the whole of the first substrate sheet leaving only a narrow peripheral portion.

4. The lottery ticket construction according to Claim 1 or 2 wherein the portion of the first ticket sheet is substantially rectangular and the perforated tear line is formed from three portions arranged mutually at right angles.

5. The lottery ticket construction according to Claim 1, 2, 3 or 4 wherein only the first ticket sheet is perforated leaving the second ticket sheet free

from the perforated tear line such that the portion of the first ticket sheet is separated from the second ticket sheet at the tear line and opened relative to the second ticket sheet leaving edge portions of the first ticket sheet attached to the second ticket sheet.

5                   6.     The lottery ticket construction according to Claim 1, 2, 3 or 4 wherein second ticket sheet is weakened along at least a part of the perforated tear line such that an edge portion of both the first and second ticket sheets can be folded relative to the portion of the first ticket sheet.

7.     The lottery ticket construction according to Claim 6 wherein the  
10   second ticket sheet is weakened along at least a part of the perforated tear line by perforations such that the edge portion of both the first and second ticket sheets can be torn away from the portion of the first ticket sheet.

8.     The lottery ticket construction according to Claim 6 or 7 wherein  
the portion of the first ticket sheet has ends at respective ends of the common ticket  
15   construction and wherein the part of the periphery which is free from the tear line is at one end and the part of the perforated tear line, where the second ticket sheet is weakened, is at the opposed end.

9.     The lottery ticket construction according to Claim 1, 2, 3 or 4 wherein both the first ticket sheet and second ticket sheet are perforated along the  
20   perforated tear line such that edge portions of both the first and second ticket sheets can be separated from the portion of the first ticket sheet.

10.    A game ticket construction for playing of a game by a player

comprising:

a first ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

a second ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second ticket sheets;

game information printed on said front surface of one or both of the first and second ticket sheets;

first game indicia printed by variable image printing onto said rear surface of said first ticket sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

second game indicia printed by variable image printing onto said rear surface of said second ticket sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

the first and second ticket sheets being coextensive, with the rear surface of the first ticket sheet being connected to the rear surface of the second ticket sheet to form a common ticket assembly;

either the first ticket sheet alone or both ticket sheets being perforated to define a perforated tear line thereon along which the ticket sheet or sheets are intended and arranged to be torn;

the perforated tear line being arranged to define a portion of the first

ticket sheet which can be opened relative to the second ticket sheet, by the player tearing through the perforated tear line, to expose the scratch-off material covering the game indicia on the rear surface of the second ticket sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of  
5 the first ticket sheet;

the perforated tear line along which the ticket sheet or sheets is intended and arranged to be torn and which defines the portion of the first ticket sheet, extending only part way around the periphery of the portion of the first ticket sheet leaving a part of the periphery of the portion of the first ticket sheet at which  
10 the portion of the first ticket sheet remains attached to the second ticket sheet;

wherein the game indicia on the rear surface of the first ticket sheet are associated with the game indicia on the rear surface of the second ticket sheet to form a common game.

11. The lottery ticket construction according to Claim 10 wherein the  
15 first ticket sheet includes only a single portion which can be opened.

12. The lottery ticket construction according to Claim 10 or 11 wherein the portion of the first ticket sheet forms substantially the whole of the first ticket sheet leaving only a narrow peripheral portion.

13. The lottery ticket construction according to Claim 10, 11 or 12  
20 wherein the portion of the first ticket sheet is substantially rectangular and the perforated tear line is formed from three portions arranged mutually at right angles.

14. The lottery ticket construction according to Claim 10, 11, 12 or

13 wherein only the first ticket sheet is perforated leaving the second ticket sheet free from the perforated tear line such that the portion of the first ticket sheet is separated from the second ticket sheet at the tear line and opened relative to the second ticket sheet leaving edge portions of the first ticket sheet attached to the  
5 second ticket sheet.

15. The lottery ticket construction according to Claim 10, 11, 12 or 13 wherein the second ticket sheet is weakened along at least a part of the perforated tear line such that an edge portion of both the first and second ticket sheets can be folded relative to the portion of the first ticket sheet.

10 16. The lottery ticket construction according to Claim 15 wherein the second ticket sheet is weakened along at least a part of the perforated tear line by perforations such that the edge portion of both the first and second ticket sheets can be torn away from the portion of the first ticket sheet.

17. The lottery ticket construction according to Claim 15 or 16  
15 wherein the portion of the first ticket sheet has ends at respective ends of the common ticket construction and wherein the part of the periphery which is free from the tear line is at one end and the part of the perforated tear line, where the second ticket sheet is weakened, is at the opposed end.

18. A game ticket construction for playing of a game by a player  
20 comprising:

a first ticket sheet formed from a substrate sheet material having a front surface and a rear surface;



a second ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second ticket sheets;

5                    game information printed on said front surface of one or both of the first and second ticket sheets;

first game indicia printed by variable image printing onto said rear surface of said first ticket sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

10                   second game indicia printed by variable image printing onto said rear surface of said second ticket sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

the first and second ticket sheets being coextensive, with the rear surface of the first ticket sheet being connected to the rear surface of the second ticket sheet to form a common ticket assembly;

the first ticket sheet and second ticket sheet being perforated to define a perforated tear line extending through the common ticket assembly;

the perforated tear line being arranged to define edge portions of the common ticket assembly which can be torn away, by the player tearing through the perforated tear line, from overlying portions of the first and second ticket sheets;

such that the overlying portions thus can be opened to expose the scratch-off material covering the game indicia on the rear surface of the second

ticket sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first ticket sheet;

the perforated tear line along which the ticket sheet or sheets is intended and arranged to be torn and which defines the portion of the first ticket sheet, extending only part way around the periphery of the portion of the first ticket sheet leaving a part of the periphery of the portion of the first ticket sheet at which the portion of the first ticket sheet remains attached to the second ticket sheet.

19. The game ticket construction according to Claim 18 wherein the overlying portions are rectangular with three edge portions each along a respective one of three edges thereof each of which can be torn away by the player.

20. The game ticket construction according to Claim 18 or 19 wherein the portion of the first ticket sheet forms substantially the whole of the first ticket sheet leaving only the narrow edge portions.

21. A game ticket construction for playing of a game by a player comprising:

a first ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

a second ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second ticket sheets;

game information printed on said front surface of one or both of the

first and second ticket sheets;

first game indicia printed by variable image printing onto said rear surface of said first ticket sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

5 second game indicia printed by variable image printing onto said rear surface of said second ticket sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

the first and second ticket sheets being coextensive, with the rear surface of the first ticket sheet being connected to the rear surface of the second  
10 ticket sheet to form a common ticket assembly;

the first ticket sheet and second ticket sheet being perforated to define a perforated tear line extending through the common ticket assembly;

the perforated tear line being arranged to define edge portions of the common ticket assembly which can be torn away, by the player tearing through the  
15 perforated tear line, from overlying portions of the first and second ticket sheets;

such that the overlying portions thus can be opened to expose the scratch-off material covering the game indicia on the rear surface of the second ticket sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first ticket sheet;

20 the perforated tear line along which the ticket sheet or sheets is intended and arranged to be torn and which defines the portion of the first ticket sheet, extending only part way around the periphery of the portion of the first ticket

sheet leaving a part of the periphery of the portion of the first ticket sheet at which the portion of the first ticket sheet remains attached to the second ticket sheet.

wherein the game indicia on the rear surface of the first ticket sheet are associated with the game indicia on the rear surface of the second ticket sheet to  
5 form a common game.

22. The game ticket construction according to Claim 21 wherein the overlying portions are rectangular with three edge portions each along a respective one of three edges thereof each of which can be torn away by the player.

23. The game ticket construction according to Claim 21 or 22  
10 wherein the portion of the first ticket sheet forms substantially the whole of the first ticket sheet leaving only the narrow edge portions.

## LOTTERY TICKET

The present invention relates generally to the field of lottery or game tickets and more particularly to a combined ticket assembly which is formed in two laminated sections which can be opened .

### 5 BACKGROUND OF THE INVENTION

Lottery tickets are well known and widely sold and typically comprise a sheet material of paper or card stock on which is printed lottery information and various indicia for the playing of one or more games. Many such games are instant win type games where the player can play the game or games by carrying out  
10 various functions, for example, opening pull tabs on a break-open ticket. Such tickets are also known variously as pull-tabs, pickle cards, jar tickets, hard cards and charitable gaming tickets.

Break-open tickets are typically constructed by printing a sheet containing multiple combinations of lottery indicia thereon. This sheet is then cut  
15 into sections. The opposite side of this sheet includes prize categories, serial number etc. A second sheet which contains removable tabs or break-open windows is then mounted onto the card stock such that the break-open windows overlap the lottery indicia. However, break-opens prepared in this manner have the disadvantages that they are cumbersome to prepare, have a limited set of winning  
20 symbols and require manually checking at the time of redemption.

US Patent 4,174,857 (Koza) and US Patent 5,253,899 (Greenwood) each disclose a combined ticket construction in which a second layer is applied or folded over the basic ticket to improve security. US Patent 5,562,284 discloses a

break-open ticket with a second level of break-open. US Patent 5,217,258 (Sanderson) discloses a two sided break-open ticket where the windows are arranged back to back opening onto a single center sheet carrying the game data.

As shown in published PCT International application No. WO 98/57715  
5 published 23<sup>rd</sup> December 1998 of the present applicants there is provided a pouched lottery ticket which is supplied in a fan folded continuous strip arrangement for separating each ticket from the next at a dispensing station. The disclosure of this publication may be referred to for further information.

Also in the prior art is a sample of a game ticket manufactured by  
10 Scientific Games and known under the trademark "Zip-Tix". This comprises a ticket formed of a paper back sheet with a foil or metalized front sheet. The front sheet has a single break-open window which can be torn open to reveal a black printed image of game indicia printed onto a grey security coating. The printed image includes a validation number printed under the break-open window so that it is  
15 revealed when the window is opened. The game indicia appear to be printed using an ink jet system. What appears to be a validation number is printed below the game data.

In US Patent 6,234,477 assigned to the present assignee and issued  
May 22<sup>nd</sup> 2001 is disclosed a construction of lottery ticket which utilizes variable  
20 image printing techniques in combination with lamination of two substrate sheets together to form what is initially a common pouch construction with the game indicia on the inside surface where the sheets can be separated, each from the other, to

form in effect two separate tickets.

### SUMMARY OF THE INVENTION

It is one object of the present invention to provide a lottery or game ticket arrangement which provides a larger common surface area on which a larger  
5 and more complex game or games can be applied.

The terms "lottery ticket" and "game ticket" as used herein are in effect synonymous since they both relate to tickets which include a game of chance to be played by the player in exposing one or more symbols, which provide the possibility of a prize, whether or not the prize is monetary and whether the game forms the  
10 whole of the ticket or is a part only of the information on the ticket such as in promotional materials.

According to a game ticket construction for playing of a game by a player comprising:

a first ticket sheet formed from a substrate sheet material having a  
15 front surface and a rear surface;

a second ticket sheet formed from a substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second ticket sheets;

20 game information printed on said front surface of one or both of the first and second ticket sheets;

first game indicia printed by variable image printing onto said rear

surface of said first ticket sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

second game indicia printed by variable image printing onto said rear surface of said second ticket sheet, some or all of the second game indicia being  
5 covered by a layer of scratch-off material removable by the player;

the first and second ticket sheets being coextensive, with the rear surface of the first ticket sheet being connected to the rear surface of the second ticket sheet to form a common ticket assembly;

either the first ticket sheet alone or both ticket sheets being perforated  
10 to define a perforated tear line thereon along which the ticket sheet or sheets are intended and arranged to be torn;

the perforated tear line being arranged to define a portion of the first ticket sheet which can be opened relative to the second ticket sheet, by the player tearing through the perforated tear line, to expose the scratch-off material covering  
15 the game indicia on the rear surface of the second ticket sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first ticket sheet;

the perforated tear line along which the ticket sheet or sheets is intended and arranged to be torn and which defines the portion of the first ticket  
20 sheet, extending only part way around the periphery of the portion of the first ticket sheet leaving a part of the periphery of the portion of the first ticket sheet at which the portion of the first ticket sheet remains attached to the second ticket sheet.



In the preferred arrangement, the first substrate sheet includes only a single portion which can be opened relative to the second sheet, but other arrangements may be provided where two or more portions are provided which can be opened relative to the second sheet.

5 In order to maximize the area available on the inside surfaces for the game data, the portion of the first substrate sheet forms substantially the whole of the first substrate sheet leaving only a narrow peripheral portion, thus providing substantially the whole of the inside surfaces of both sheets for the game data and in effect, doubling the area available relative to the surface area of the base ticket  
10 construction. However in a ticket construction where the maximum area is not required, the portion may form a smaller part of the ticket.

In one arrangement, only the first substrate sheet is perforated leaving the second substrate sheet free from the perforated tear line such that the portion of the first substrate sheet is separated from the second substrate sheet at the tear line  
15 and opened relative to the second substrate sheet leaving edge portions of the first substrate sheet attached to the second substrate sheet. This has the advantage that the whole ticket remains intact and there are no loose or separate pieces which can be discarded as trash in unsuitable places. However this has the disadvantage that the perforation lines must be relatively weak to allow the tearing action to occur  
20 and this can allow the ticket to break open during handling or dispensing from a dispensing machine, thus detracting from the appearance and potentially decreasing the security. In particular, some dispensing machines use a roller around which the

tickets in a connected strip of the tickets pass where the curvature around the roller tends to burst open the perforation lines transverse to the feed direction due to the tendency to stretch the substrate sheet on the outside of the curvature.

In some cases the portion of the first substrate sheet is substantially  
5 rectangular and the perforated tear line is formed from three portions arranged mutually at right angles. However other shapes are possible including complex shapes formed as "die cut" tickets. In this case the perforation line may be a complex line including straight and curved sections.

In another construction, both the first and second substrate sheets are  
10 weakened, generally but not necessarily by perforations along at least a part of the perforated tear line such that an edge portion of both the first and second substrate sheets can be folded relative to the portion of the first substrate sheet to assist in breaking the perforations. This allows the use of the perforation line which is less aggressively cut so that it retains a stronger connection because the ticket can be  
15 folded by the player at the line to assist in fracturing. This may assist in providing a line which can be more readily separated by the player. This may assist in allowing the stronger perforation line to more readily pass through the dispensing machine and pass over rollers in such a machine. This has the disadvantage that, when fully perforated through both sheets, the torn edge portions become separate and thus  
20 may be dropped as garbage.

In order to best pass through the dispensing machine it is preferred that, where the portion of the first substrate sheet has ends at respective ends of the

common ticket construction, the part of the periphery which is free from the tear line is at one end and a part only of the perforated tear line, where both the first and second substrate sheets are perforated, is at the opposed end.

In some cases, both the first substrate sheet and second substrate  
5 sheet are perforated along the whole of the perforated tear line such that edge portions of both the first and second substrate sheets can be separated from the portion of the first substrate sheet.

In some cases, the lottery game indicia on the rear surface of the first  
substrate sheet are associated with the lottery game indicia on the rear surface of  
10 the second substrate sheet to form a common lottery game.

According to a second aspect of the invention there is provided a game  
ticket construction for playing of a game by a player comprising:

a first substrate sheet material having a front surface and a rear  
surface;

15 a second substrate sheet material having a front surface and a rear  
surface;

promotional graphics printed on said front surface of one or both of the  
first and second substrate sheets;

game information printed on said front surface of one or both of the  
20 first and second substrate sheets;

first game indicia printed by variable image printing onto said rear  
surface of said first substrate sheet, some or all of the first game indicia being

covered by a layer of scratch-off material removable by the player;

second game indicia printed by variable image printing onto said rear surface of said second substrate sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

5           the first and second substrates being coextensive, with the rear surface of the first substrate sheet being connected to the rear surface of the second substrate sheet to form a common ticket assembly;

          either the first substrate sheet alone or both substrate sheets being perforated to define a perforated tear line thereon arranged to define a portion of the  
10   first substrate sheet which can be opened relative to the second substrate sheet, by the player tearing through the perforated tear line, to expose the scratch-off material covering the game indicia on the rear surface of the second substrate sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first substrate sheet;

15           the perforated tear line, which defines the portion of the first substrate sheet, extending only part way around the periphery of the portion of the first substrate sheet leaving a part of the periphery of the portion of the first substrate sheet which is free from the tear line, at which the portion of the first substrate sheet remains attached to the second substrate sheet;

20           wherein the game indicia on the rear surface of the first substrate sheet are associated with the game indicia on the rear surface of the second substrate sheet to form a common game.

According to a third aspect of the invention there is provided a game ticket construction for playing of a game by a player comprising:

a first substrate sheet material having a front surface and a rear surface;

5 a second substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second substrate sheets;

game information printed on said front surface of one or both of the first and second substrate sheets;

10 first game indicia printed by variable image printing onto said rear surface of said first substrate sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

second game indicia printed by variable image printing onto said rear surface of said second substrate sheet, some or all of the second game indicia being covered by a layer of scratch-off material removable by the player;

15 the first and second substrates being coextensive, with the rear surface of the first substrate sheet being connected to the rear surface of the second substrate sheet to form a common ticket assembly;

20 the first substrate sheet and second substrate sheet being perforated to define a perforated tear line extending through the common ticket assembly;

the perforated tear line being arranged to define edge portions of the

common ticket assembly which can be torn away, by the player tearing through the perforated tear line, from overlying portions of the first and second substrate sheets;

such that the overlying portions thus can be opened to expose the scratch-off material covering the game indicia on the rear surface of the second substrate sheet and to expose the scratch-off material covering the game indicia on  
5 the rear surface of the portion of the first substrate sheet;

the perforated tear line, which defines the overlying portions, extending only part way around the periphery of the overlying portions leaving a part of the periphery of the portion of the first substrate sheet which is free from the tear lines at  
10 which the portion of the first substrate sheet remains attached to the second substrate sheet.

According to a fourth aspect of the invention there is provided a game ticket construction for playing of a game by a player comprising:

a first substrate sheet material having a front surface and a rear  
15 surface;

a second substrate sheet material having a front surface and a rear surface;

promotional graphics printed on said front surface of one or both of the first and second substrate sheets;

20 game information printed on said front surface of one or both of the first and second substrate sheets;

first game indicia printed by variable image printing onto said rear

surface of said first substrate sheet, some or all of the first game indicia being covered by a layer of scratch-off material removable by the player;

second game indicia printed by variable image printing onto said rear surface of said second substrate sheet, some or all of the second game indicia being  
5 covered by a layer of scratch-off material removable by the player;

the first and second substrates being coextensive, with the rear surface of the first substrate sheet being connected to the rear surface of the second substrate sheet to form a common ticket assembly;

the first substrate sheet and second substrate sheet being perforated  
10 to define a perforated tear line extending through the common ticket assembly;

the perforated tear line being arranged to define edge portions of the common ticket assembly which can be torn away, by the player tearing through the perforated tear line, from overlying portions of the first and second substrate sheets;

such that the overlying portions thus can be opened to expose the  
15 scratch-off material covering the game indicia on the rear surface of the second substrate sheet and to expose the scratch-off material covering the game indicia on the rear surface of the portion of the first substrate sheet;

the perforated tear line, which defines the overlying portions, extending only part way around the periphery of the overlying portions leaving a part of the  
20 periphery of the portion of the first substrate sheet which is free from the tear lines at which the portion of the first substrate sheet remains attached to the second substrate sheet;

wherein the game indicia on the rear surface of the first substrate sheet are associated with the game indicia on the rear surface of the second substrate sheet to form a common game.

#### BRIEF DESCRIPTION OF THE DRAWINGS

5                   One embodiment of the invention will now be described in conjunction with the accompanying drawings in which:

Figure 1 is a front elevational view of one example of lottery ticket according to the present invention showing the front surface of first substrate sheet.

Figure 2 is a cross sectional view of the lottery ticket of Figure 1.

10                  Figure 3 is a front view of the lottery ticket of Figure 1 showing the ticket in the opened condition.

Figure 4 is a front elevational view of a second example lottery ticket.

Figure 5 is a cross sectional view of the lottery ticket of Figure 4.

15                  In the drawings like characters of reference indicate corresponding parts in the different figures.

#### DESCRIPTION OF THE PREFERRED EMBODIMENTS

The construction of the game tickets and the method of manufacture thereof is similar to that shown in US patent 6,234,477 of the present assignee, to which reference can be made for further details of the construction.

20                  However the construction is modified, in one respect, so that it provides a single ticket construction which can be opened to expose game data on the inside surfaces of the first and second substrate sheets while the substrate



sheets remain connected along a fold line.

Thus a first example is shown in Figure 1 where the ticket construction is formed from a first substrate 10 and a second substrate 11 which are arranged in coextensive overlying relationship using the methods as described in the above  
5 patent.

On the inside surfaces 12 and 13 of the first and second substrates respectively is provided game data 14A and 14B of a game generally indicated at 14 so that when the ticket is opened as shown in Figure 3 the full area of the inside surfaces of both substrate sheets is available for a single game or for multiple  
10 games as required, that area being substantially equal to double the area of the ticket when supplied as shown in Figure 1.

Also on the inside surface of one of the substrate sheets is provided a game validation number 15 and a barcode 16.

The game data can be of various different types well known to one  
15 skilled in the art and generally will include a scratch-off coating which may be opaque or translucent depending upon the type of game. In all cases the player after opening the ticket to the condition shown in Figure 3 plays the game using well known techniques to expose or mark certain areas of the game data by scratching the scratch-off coating thus revealing the ticket to be a winning or losing ticket  
20 according to predetermined characteristics.

As shown in Figures 1 and 4 a front, or outside, surface 30 of the first substrate sheet 10 includes promotional information 31 including a logo or game

name 32 and game information 33. The outside surface of the second substrate sheet may include further game information as is well known to one skilled in this art.

The substrate sheets 10 and 11 are laminated together around the outside edge by adhesive 20 leaving a central area of each sheet free from the adhesive and thus free to separate to expose the game data as shown in figure 3. The adhesive 20 is applied around all four sides of the rectangular ticket.

One end edge 21 of the ticket is preferably arranged so that the substrate sheets remain connected along that edge by the adhesive 20 along that edge to form a fold line 22 at the inside edge of the adhesive strip 20. The fold line is shown in chain dot line in Figure 1 and in full line in figure 3 after the folding has occurred with the ticket open.

The other three sides of the ticket are defined by perforation lines 23, 24 and 25. As shown in Figure 2, the perforation lines 23, 24 and 25 are formed only in the first sheet 10 and are not provided in the second sheet 11. Also in this arrangement the perforation lines do not extend to the edges of the ticket but are instead confined to the area inside the adhesive 20 to form a line extending from the fold line 22 around the periphery of the ticket just inside the adhesive 20.

Thus in this arrangement, the player inserts a finger into the line of perforation at the end 26 opposite to the fold line 22 at the location indicated at 27 and then carefully tears around the perforation lines to separate the portion of the first sheet inside the fold lines from the second sheet allowing the first sheet to be opened into the positions shown in Figure 3.

In the arrangement shown in Figure 4 and also shown in cross section in Figure 5, the lines of perforation as indicated at 23A, 24A and 25A extend right to the edges of the ticket so that for example the perforation lines 23A and 25A extend from the edge 21 through the edge 26. In addition the line of perforation are formed  
5 through both substrate sheets as shown in Figure 5.

In this arrangement, the player is instructed to open the ticket by folding the edge portions defined by the adhesively connected edge portions of the first and second substrate about the perforation lines causing the perforation lines to fracture and allow the tearing of the portions away from the remaining ticket  
10 construction. Thus the three edge portions defined by the lines 23A, 24A and 25A can be folded back and forth and torn away leaving only the centre portion of the first sheet and the centre portion of the rear sheet which can then be opened to expose the game data on the inside surfaces for playing by the player.

In an alternative arrangement (not shown), the perforations can be  
15 formed through the upper sheet and partly into the lower sheet forming a line of weakness in the lower sheet which is less than the weakness formed by full perforation. In this way the folding action can occur in the downward direction as shown in Figure 5 indicated at arrows D which acts to fracture the perforation line in the upper sheet allowing the player to readily open the ticket by tearing along the  
20 fold lines through the perforations in the upper sheet to take up the position shown in Figure 3.

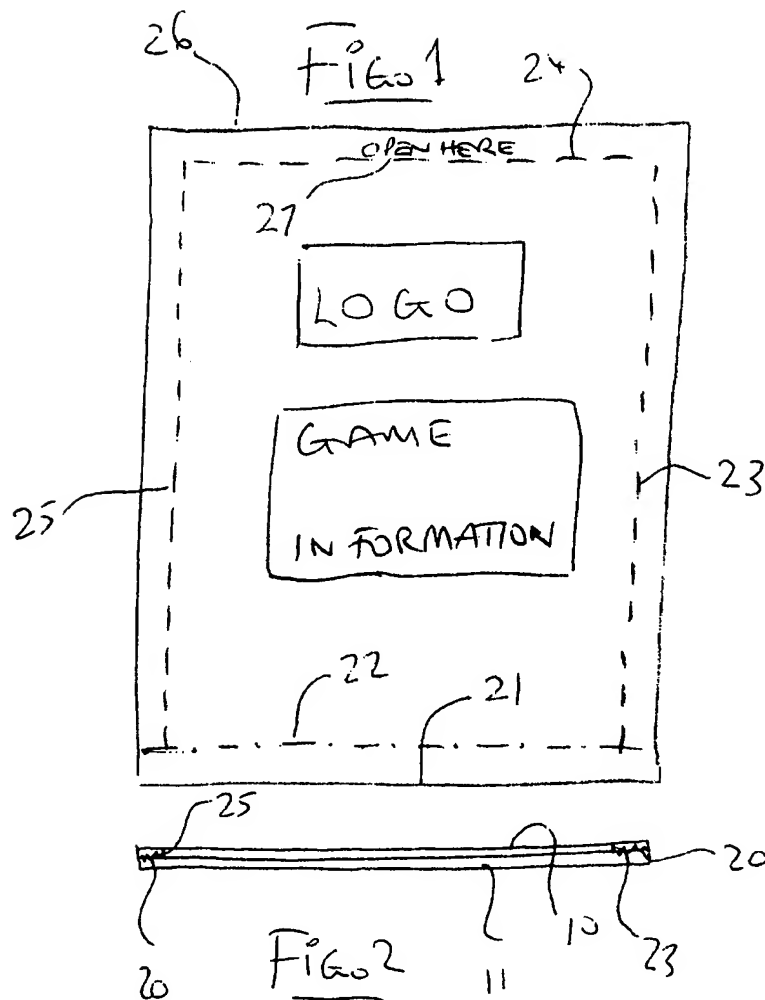
The use of an arrangement with perforations in the upper sheet which

allows folding of the edges allows the perforation lines to be stronger in character since they can be more readily fractured by the folding action. The stronger perforations thus reduce the tendency of the perforations to break open when passing around a roller with the upper sheet outermost.

5           As the tickets generally travel around the roller in the direction along the length of the ticket so that the edges 21 and 26 are transverse to the direction of movement, it is more important that the perforation line 24A is of increased strength preventing cracking. Thus the edge 21 with the fold line 22 lies along one transverse line and cannot be cracked open since it is not perforated. Thus the  
10 opposite edge 26 includes a strong perforation line reducing the possibility of tracking. The side edges can then include perforation lines 23 and 25 which are of reduced strength of the type shown in Figure 1 since they have reduced tendency to crack.

          The above arrangement of Figures 4 and 5 provides the perforated  
15 lines of weakness along three of the sides with the fourth side defined by the fold line 22. However it is also possible to use this opening technique to fully separate the two ticket portions by forming the line 22 also as a perforated line of weakness through both the first and second substrates. In this case, all four sides strip are folded to crack the line of weakness and then are torn away. Thus the arrangement  
20 described herein provides perforated lines of weakness on at least three sides for opening or separating the two substrates to expose the game data on the inside surfaces.

While the preferred embodiments of the invention have been described above, it will be recognized and understood that various modifications may be made therein, and the appended claims are intended to cover all such modifications which may fall within the spirit and scope of the invention.



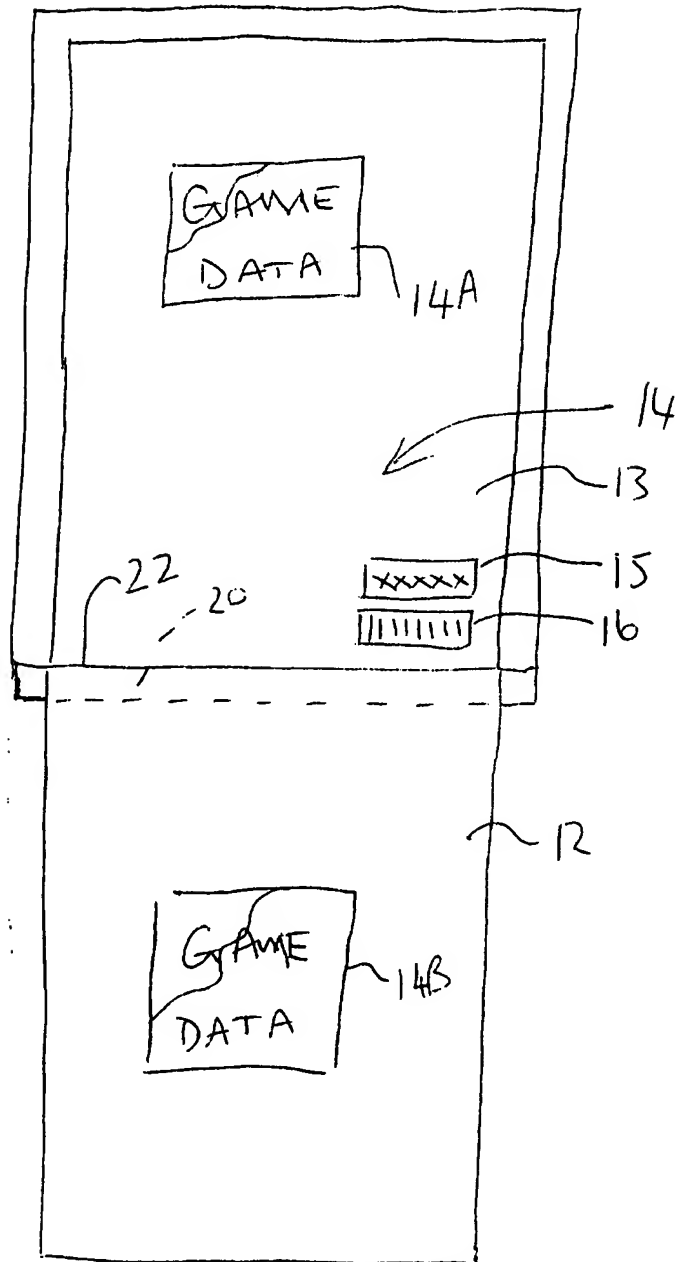
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FIG 3



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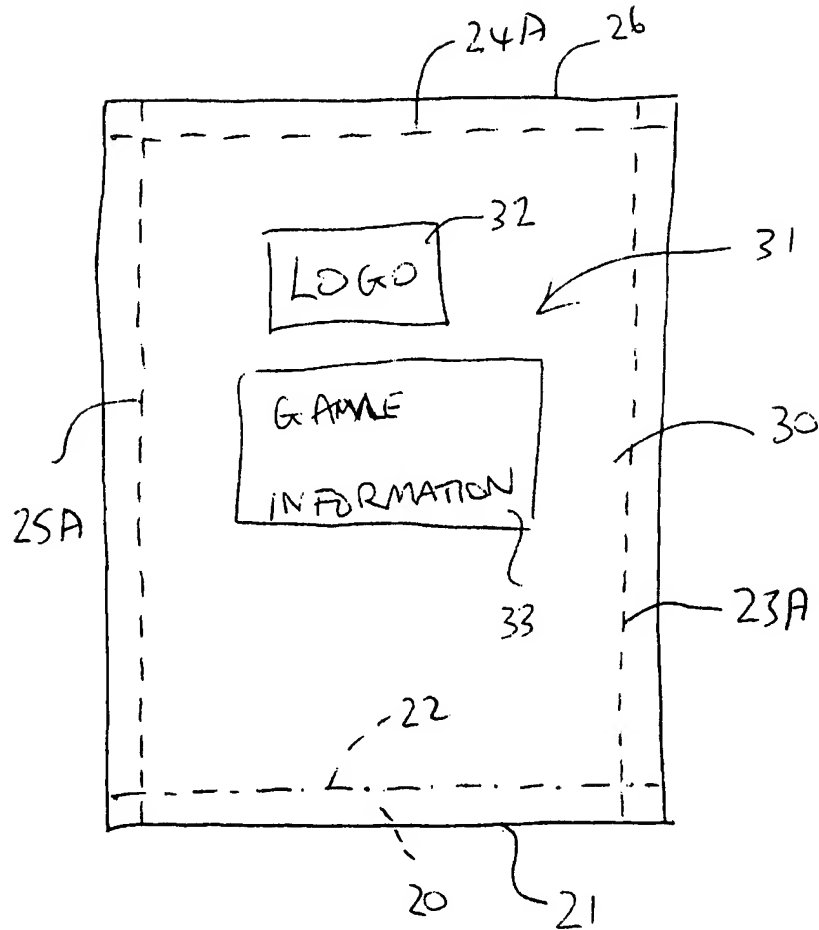


FIG. 4

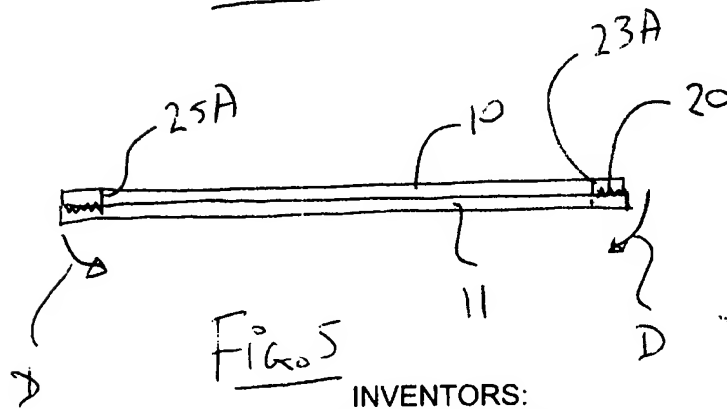


FIG. 5

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